

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017269.D
 Acq On : 23 May 2015 6:47
 Operator : TP/IZ
 Sample : G2255-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512

Quant Time: May 25 08:17:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

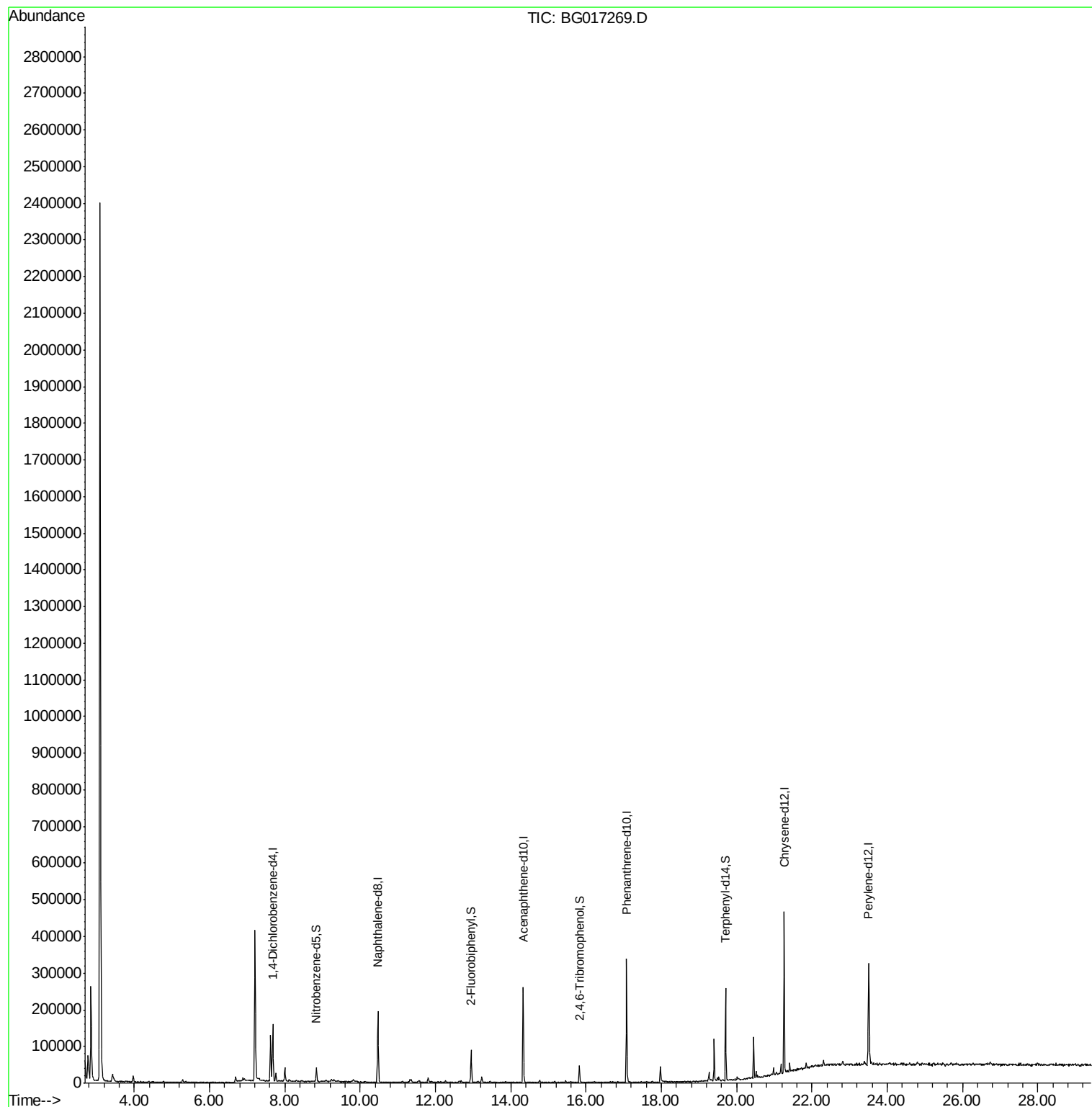
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32335	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	138617	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	82663	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	182262	20.00	ng	0.00
75) Chrysene-d12	21.27	240	200555	20.00	ng	0.00
86) Perylene-d12	23.52	264	194594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2875	1.58	ng	0.00
7) Phenol-d6	6.89	99	2905	1.14	ng	0.00
23) Nitrobenzene-d5	8.84	82	19334	6.51	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	7051	7.06	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	38913	6.91	ng	0.00
78) Terphenyl-d14	19.71	244	96119	9.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.82	77	54	Below Cal	Qvalue #	6

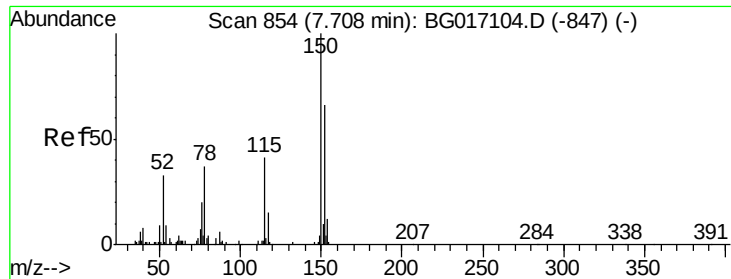
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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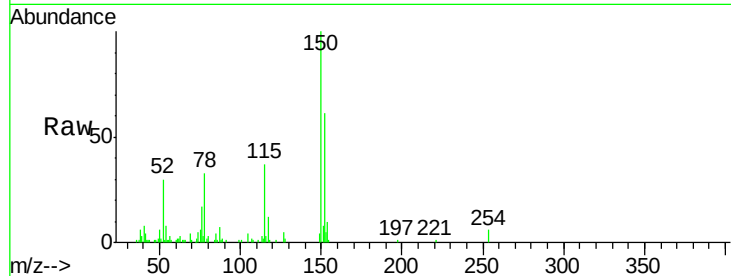


#1

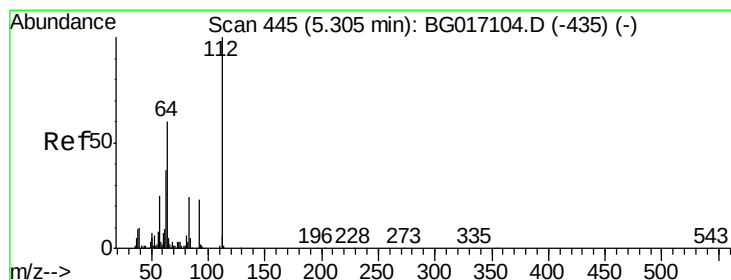
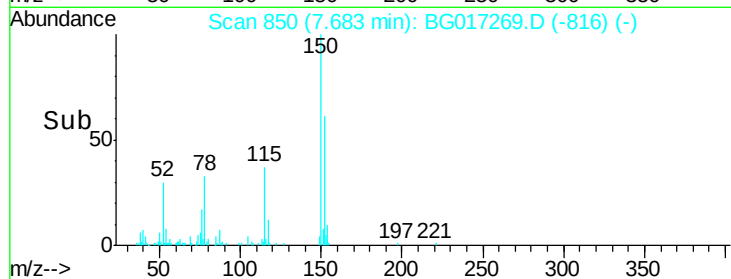
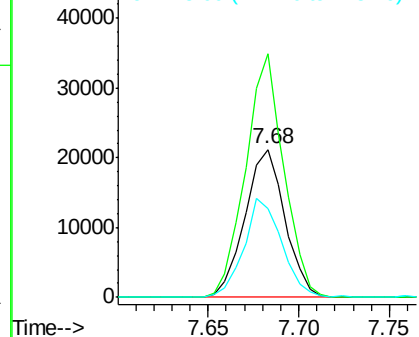
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG017269.D
Acq: 23 May 2015 6:47

Instrument :
BNA_G
ClientSampleId :
SS043MW014-150512

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.4	120.8	181.2
115	60.2	49.4	74.2



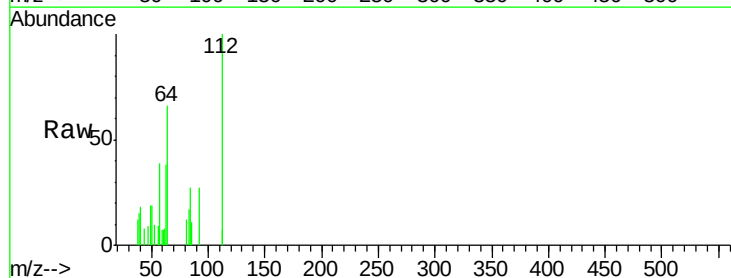
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



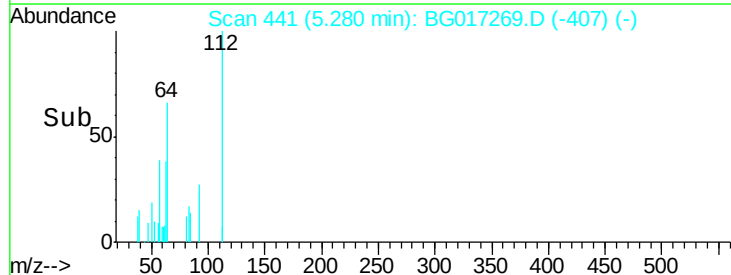
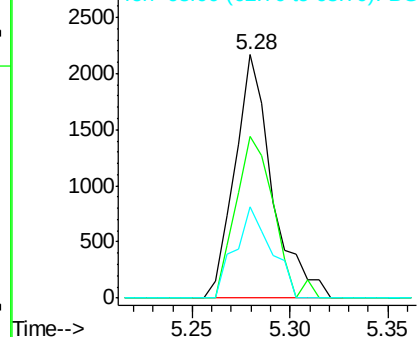
#5

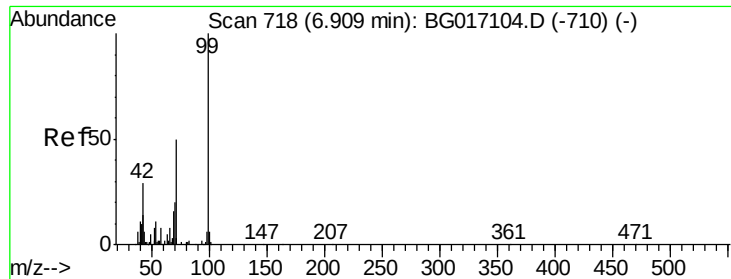
2-Fluorophenol
Concen: 1.58 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG017269.D
Acq: 23 May 2015 6:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	48.1	72.1
63	37.8	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 1.14 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG017269.D

Acq: 23 May 2015 6:47

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512

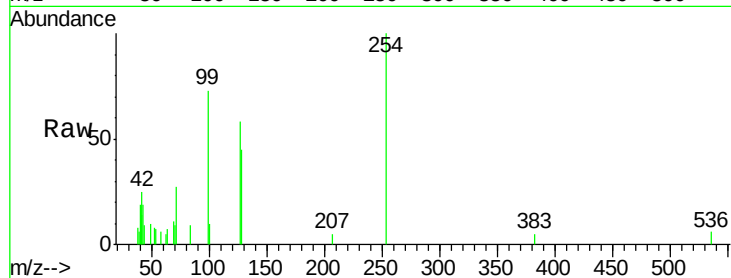
Tgt Ion: 99 Resp: 2905

Ion Ratio Lower Upper

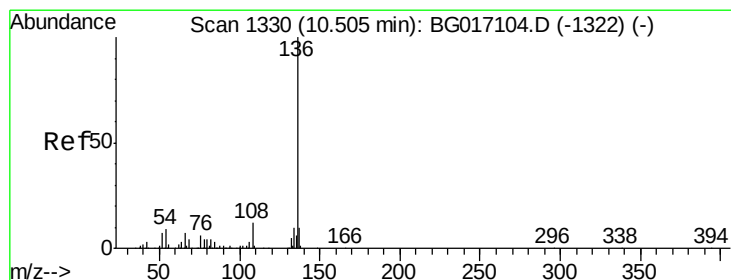
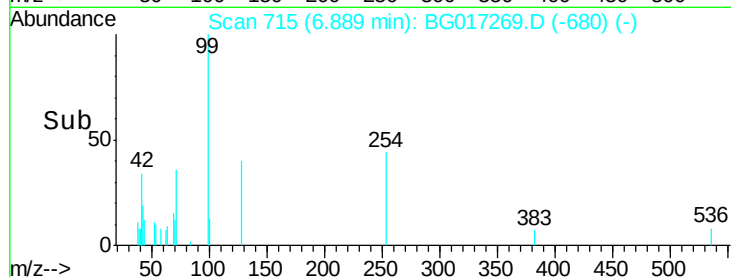
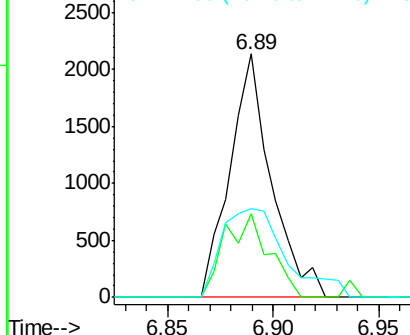
99 100

42 34.2 23.5 35.3

71 36.2 39.8 59.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017269.D

Acq: 23 May 2015 6:47

Tgt Ion: 136 Resp: 138617

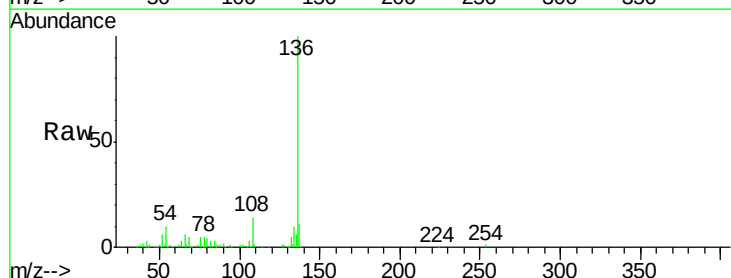
Ion Ratio Lower Upper

136 100

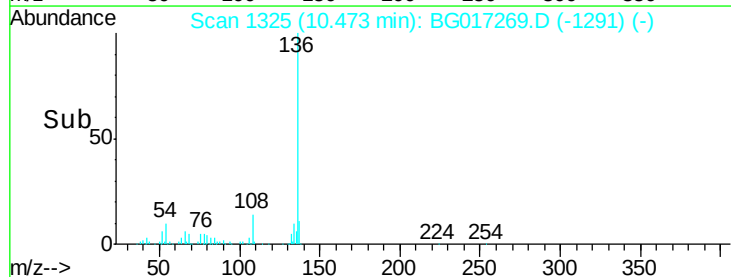
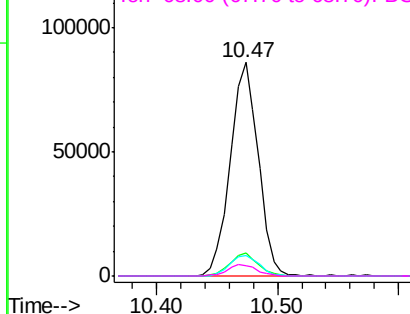
137 10.6 8.3 12.5

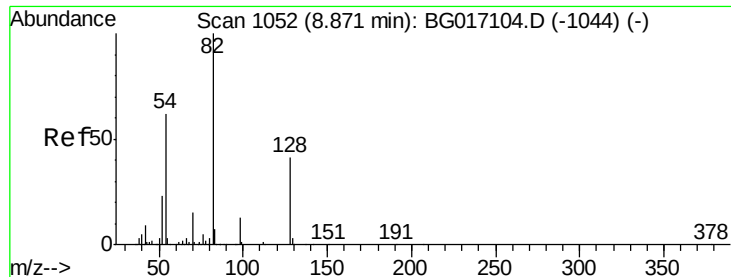
54 9.5 7.4 11.2

68 5.0 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

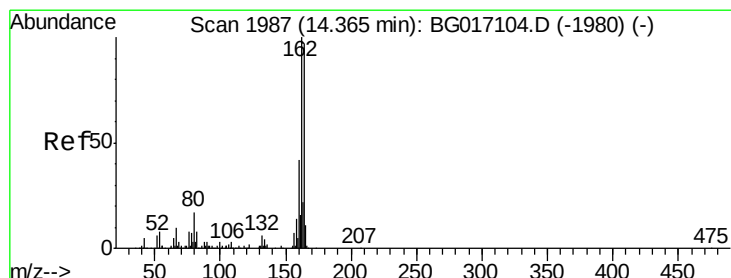
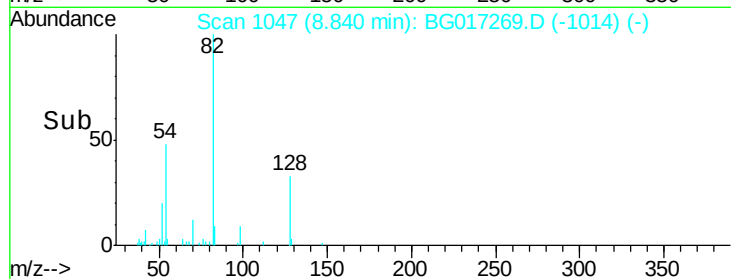
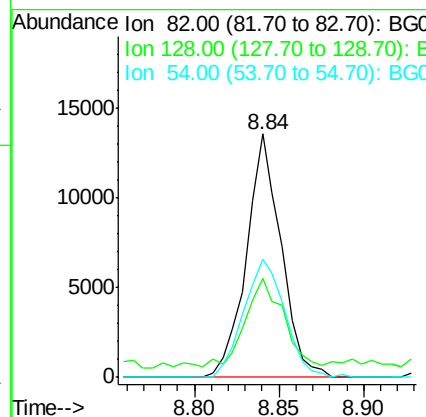
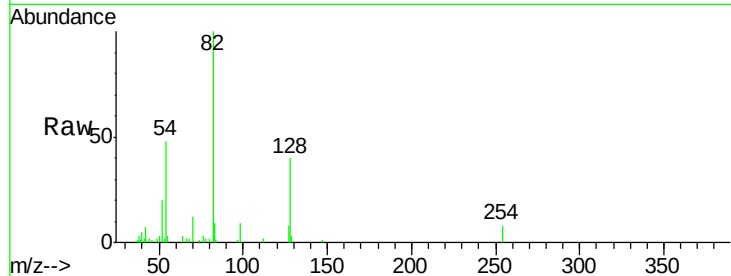




#23
 Nitrobenzene-d5
 Concen: 6.51 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG017269.D
 Acq: 23 May 2015 6:47

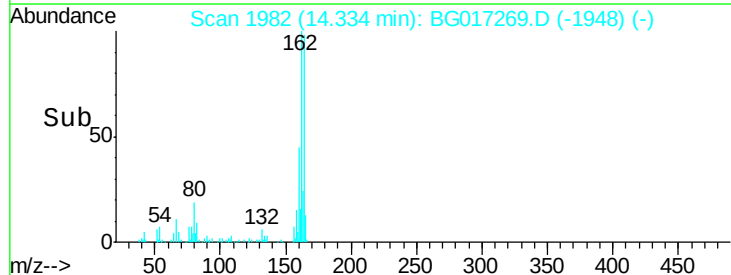
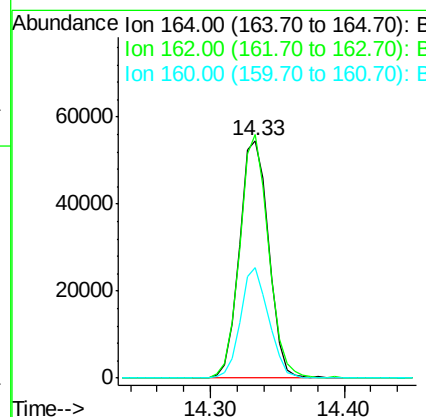
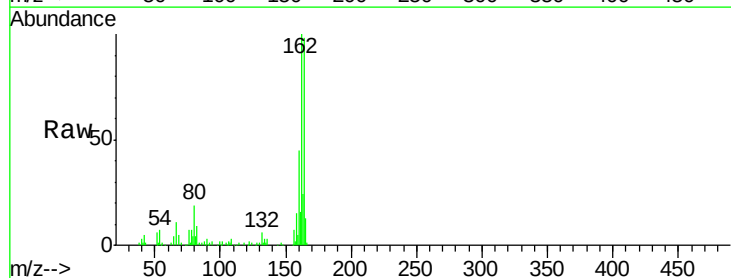
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512

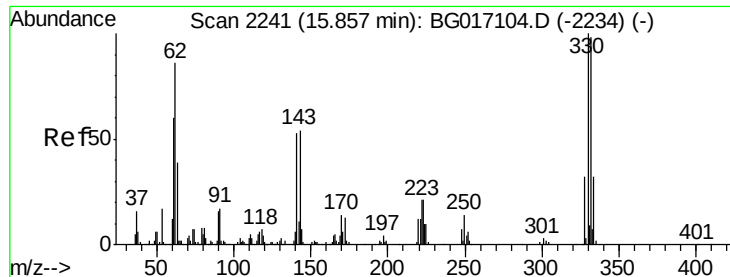
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.6	49.0
54	48.4	49.6	74.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG017269.D
 Acq: 23 May 2015 6:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.1	123.1
160	46.4	34.8	52.2

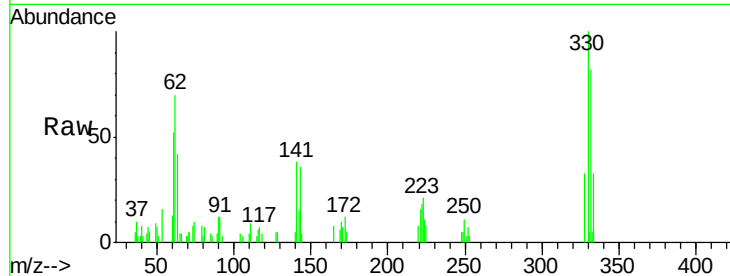




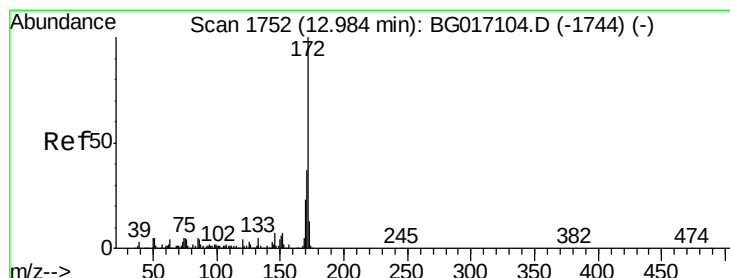
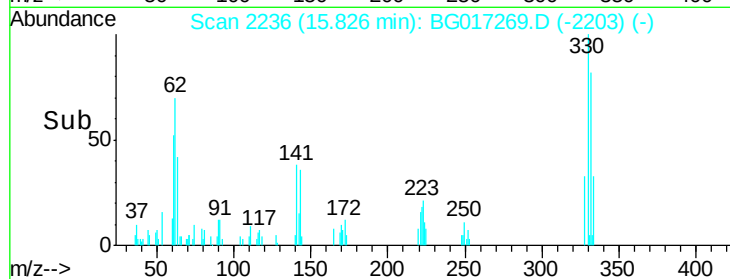
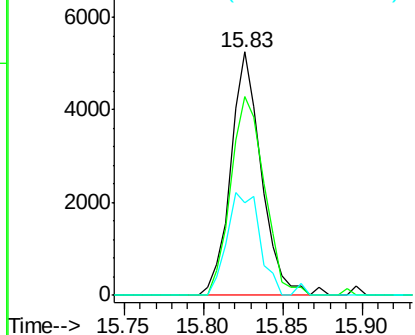
#41
 2,4,6-Tribromophenol
 Concen: 7.06 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017269.D
 Acq: 23 May 2015 6:47

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW014-150512

Tgt Ion: 330 Resp: 7051
 Ion Ratio Lower Upper
 330 100
 332 89.3 76.9 115.3
 141 44.8 42.2 63.2

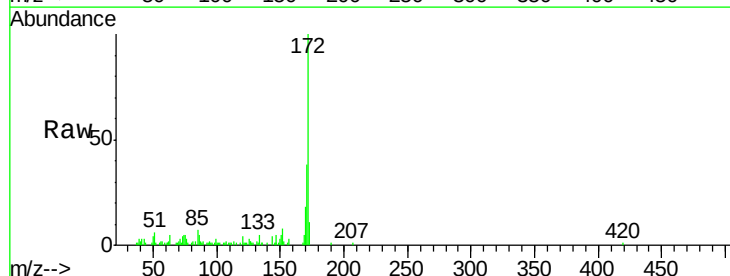


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

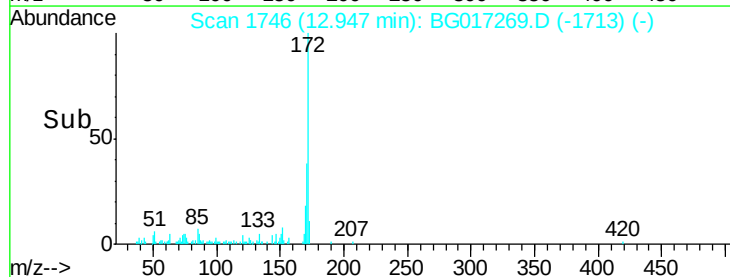
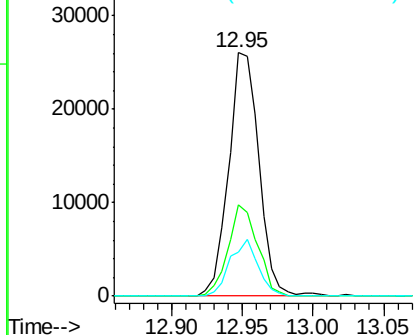


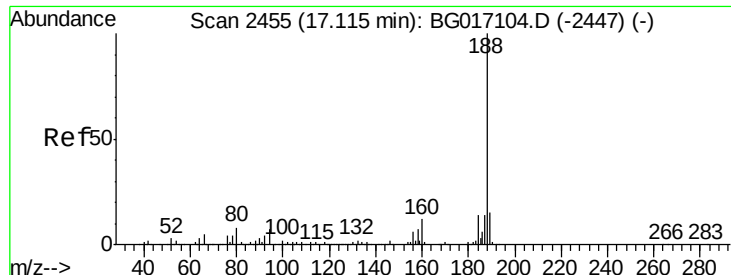
#44
 2-Fluorobiphenyl
 Concen: 6.91 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG017269.D
 Acq: 23 May 2015 6:47

Tgt Ion: 172 Resp: 38913
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 18.2 18.4 27.6#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG017269.D

Acq: 23 May 2015 6:47

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512

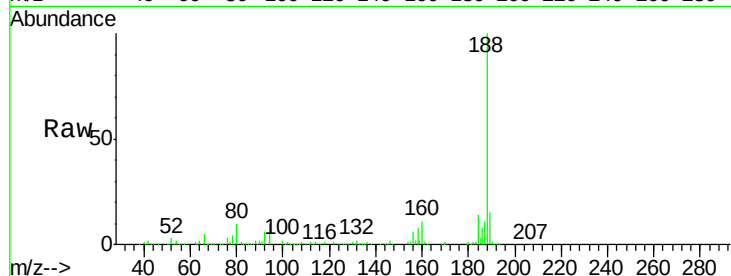
Tgt Ion:188 Resp: 182262

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.6#

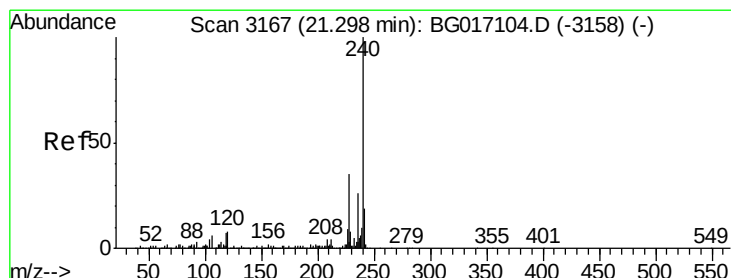
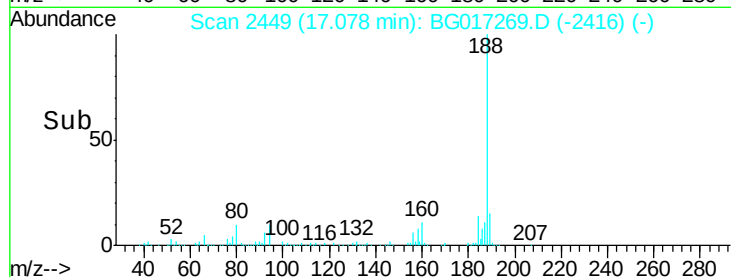
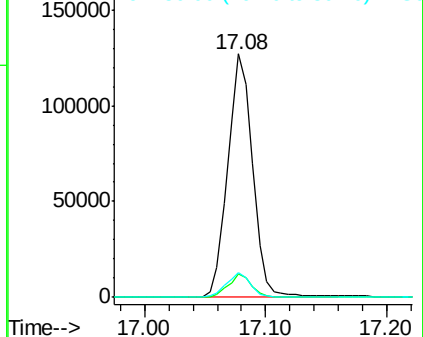
80 10.3 6.5 9.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG017269.D

Acq: 23 May 2015 6:47

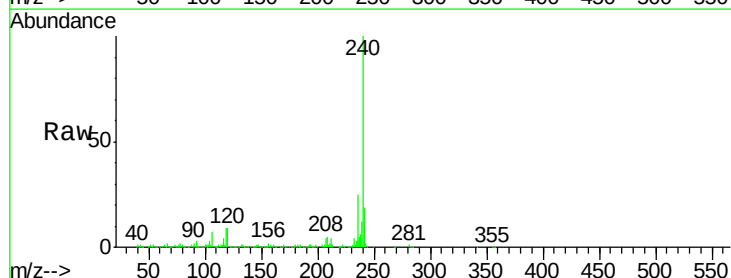
Tgt Ion:240 Resp: 200555

Ion Ratio Lower Upper

240 100

120 9.4 6.0 9.0#

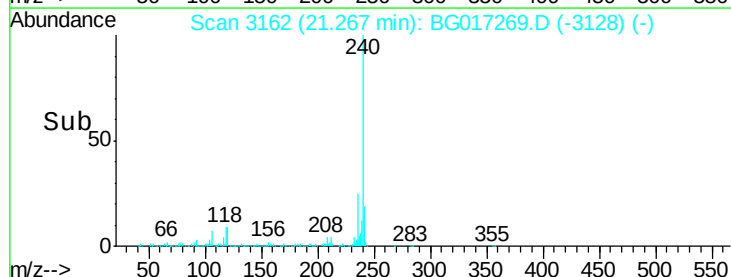
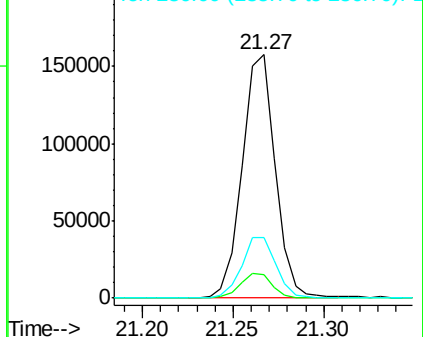
236 24.8 20.5 30.7

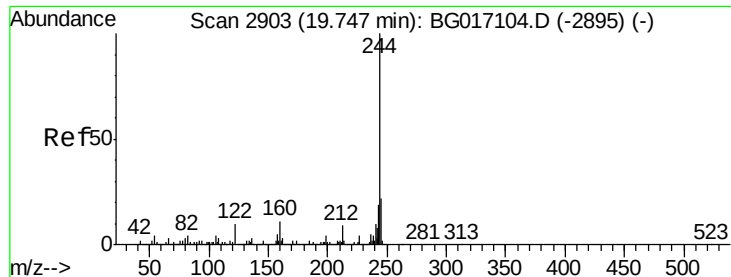


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 9.99 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG017269.D

Acq: 23 May 2015 6:47

Instrument :

BNA_G

ClientSampleId :

SS043MW014-150512

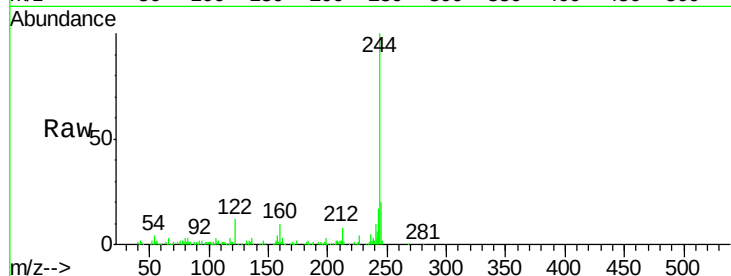
Tgt Ion:244 Resp: 96119

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

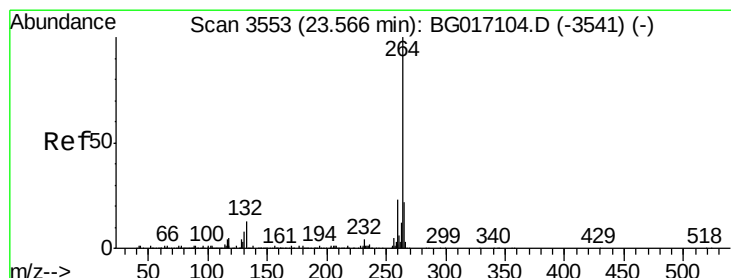
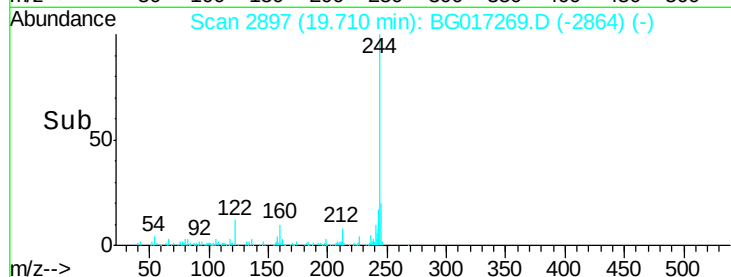
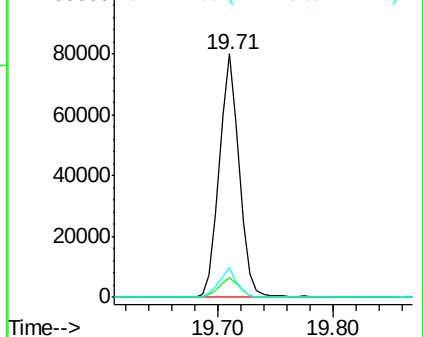
122 12.2 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.52 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG017269.D

Acq: 23 May 2015 6:47

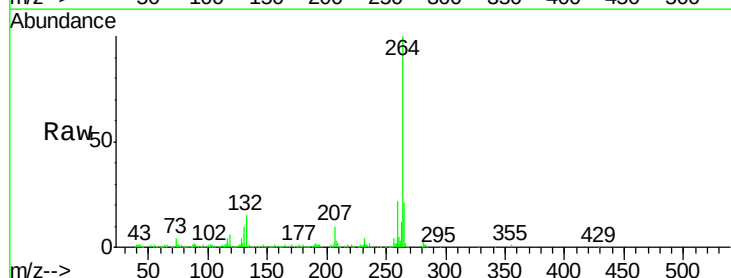
Tgt Ion:264 Resp: 194594

Ion Ratio Lower Upper

264 100

260 21.7 18.0 27.0

265 21.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

